

**INTERSTATE COMMISSION  
ON THE POTOMAC RIVER BASIN  
CO-OP SECTION**

**FIRST QUARTER 2016  
DECEMBER 1, 2015**

**ICPRB HEADQUARTERS  
ROCKVILLE, MD**

**FINAL MINUTES**

**CALL TO ORDER:** Chairman Karimi called the First Quarter 2016 CO-OP Meeting to order at 8:38 AM on December 1, 2015. The following Commissioners, staff, and guests were in attendance in whole or in part.

**Commissioners**

**West Virginia**

Patrick Campbell (Alt. Commissioner)

**District of Columbia**

Hamid Karimi (Commissioner)  
Merrit Druker (Commissioner)  
John Wennersten (Alt. Commissioner)  
Willem Brakel (Commissioner)  
Kimberly Jones (Alt. Commissioner)\*  
Annemargaret Connolly (Alt. Commissioner)\*  
Tiffany Potter (Alt. Commissioner)\*

**Maryland**

Herb Sachs (Alt. Commissioner)

**Virginia**

Scott Kudlas (Alt. Commissioner)  
Jackson Miller (Commissioner)  
Paul Holland (Alt. Commissioner)

**United States**

Darryl Madden (Commissioner)  
Robert Sussman (Commissioner)

**Staff and Guests**

**Staff**

Carlton Haywood (Executive Director)  
Bo Park (Dir, Administration)  
Jim Cummins (Dir, Living Resources)  
Karin Bencala (Water Resources Planner)  
Heidi Moltz (Assoc Dir, Water Resources)  
Curtis Dalpra (Communications Manager)  
Robert Bolle (General Counsel)  
Cherie Schultz (Dir, CO-OP Section)

**Guests**

Amy Guise (USCOE, Baltimore)  
Hank Gruber (NAD, USACE)  
Danielle Szimanski (USCOE, Baltimore)

\*DC Commissioners awaiting official appointment letters from DC Mayor's Office.

**ADOPTION OF AGENDA:** Commissioner Karimi made a motion to approve the agenda, which was seconded by Commissioner Sachs. All were in favor.

**APPROVAL OF MINUTES:** Commissioner Sachs made a motion to approve the September 1, 2015 Meeting Minutes, which was seconded by Commissioner Madden. All were in favor.

**OLD BUSINESS**

**Section Quarterly Report:** Dr. Schultz summarized the Section's quarterly activities, included in Tab 3, Attachment 2 of the meeting book. Dr. Moltz is leading a one-year project currently in progress to evaluate potential storage and operational alternatives to ensure future water supply reliability. The evaluation will be

conducted using the Potomac Reservoir and River Simulation Model (PRRISM). The project receives input from a Technical Advisory Committee consisting of staff from the regional water suppliers.

**Chairman Karimi encouraged the staff to look at the benefits of involvement by DC Water.**

Staff have initiated a lunchtime discussion series on water markets. Goals include educating stakeholders and engaging the water suppliers and states in discussions on future water storage and how it will be funded. These meetings are open to remote participants through a webinar. The first meeting took place on November 4, 2015. Participants included MDE, VA DEQ, WV DEP, PA DEP and the water suppliers. Chairman Karimi asked if DC would benefit from these meetings. **He suggested forwarding an invitation to the general manager at DC Water. Commissioner Kudlas suggested adding Kurt Stephenson from VA DEQ to the contact list. Ms. Potter added that there is much funding available for projects such as this and that she will be in contact with Dr. Schultz.**

**Chairman Karimi would like a presentation with more information on this topic.** Dr. Schultz added that staff is hoping to learn more about this new endeavor and that it may culminate in a workshop.

The Travilah quarry study has been completed. The phase I and phase II reports are available on ICPRB's website. Travilah quarry will be one of the water supply alternatives considered in the study being led by Dr. Moltz.

**Financial Statement:** Mr. Haywood informed that the CO-OP is expected to finish FY15 with \$274.5k in the reserve. The revenues for FY16 will be offset by expenses. There is not much to report as it is the first month of the new fiscal year. Chairman Karimi asked the staff to continue to explore new projects and opportunities in CO-OP.

**Final Conclusions of the 2015 Water Supply Study:** Dr. Schultz summarized CO-OP's recently completed 2015 water supply study. The results from the study indicate that, in the event of a severe drought in 2040, the Washington metropolitan area can expect mandatory water restrictions, a key system reservoir, Little Seneca, may be emptied, and there is a slight chance of Potomac River flow falling below the environmental flow-by of 100 mgd at Little Falls. With these conclusions, climate change adds uncertainty as temperature is expected to rise, but precipitation projections are mixed. By agreement, the study is done every five years, providing future opportunities to make use of improved climate projections as they become available.

**Lessons Learned from the 2015 Drought Exercise:** Dr. Schultz reported that the water suppliers entered daily data needed by CO-OP during drought operations, including withdrawals, demand forecasts and reservoir storage volumes, on a test data input website, and this reporting went smoothly. However, CO-OP still needs to identify a means to automate the reporting of hourly withdrawal data. Fairfax Water operational staff made CO-OP aware of a constraint in Fairfax Water's ability to shift withdrawals between their Potomac and Occoquan intakes related to energy use at the Griffith water treatment facility. This constraint will be discussed with Fairfax Water planning staff in the future. Also, staff needs to strive to make sure that individuals with drought-related responsibilities at various agencies are included in CO-OP's email distribution list. Finally, it has become clear that staff have overlapping functions in drought operations and spill emergency response. As a result, new staff members will be trained in spill response.

**NEW BUSINESS**

**Follow-up to September 10, 2013 Joint Meeting of CO-OP and Utility General Managers:** Chairman Karimi asked that these discussions with the GMs continue to allow communication of on-going concerns and to have an open dialogue. He suggested a summit or a meeting with GMs be held with ample discussion time. **At the next CO-OP meeting, he would like to discuss the topics, and when, where and how to do this meeting with the GMs.**

**ADJOURNMENT**

**Commissioner Sachs made a motion to adjourn, which was seconded by Commissioner Kudlas at 10:02AM. All were in favor.**

Minutes written by: Bo Park, Director, Administration

Reviewed by: Cherie Schultz, Director, CO-OP

Edited and Approved by: H. Carlton Haywood, CO-OP Secretary